

TABLE OF CONTENTS

Various Yarns Used.

Cotton Yarns	2
Silk Yarns	5
Spun or Chappé Silks	7
Artificial Silks	8
Worsted Yarns	9
Woolen Yarns	9
Linen and Jute Yarns	10
Ramie Yarns	11
Metal Threads	11
Rubber Strands	11

Foundation Weaves.

Taffeta Weave	13
Twills	14
Satin Weaves	16

Derivative Weaves.

Rib Weaves	18
Basket Weaves	20
Subdivisions of Twills	20
Shading of Weaves	26
Two Systems Warp	29
Face, Interior and Back Warp	31
Two Systems Filling	33
Face, Interior and Back Picks	34
Tubular and Double Cloth Weaves	35
Tubular Selvages	38
Full and Three-quarter Hollow Selvages	39
Three-quarter Hollow Selvages	46
Half Hollow Selvages	47
Rib Fabrics, With Two Systems of Filling.....	50
Hollow-cord Weaves	51
Weaves with Stuffer and Figuring Threads.....	56
Weaves for Double Cloth Fabrics.....	59
Piqué Weaves	64

Table of Contents.

Hollow, Double Cloth Weaves with Stuffer Picks...	65
Three and More Ply Fabrics	67
Connected Weaves	68
Figured Rib Weaves	70
Intersected Weaves	70

Special Weaves and Effects.

Pile Fabrics	71
Influence of Twist in Yarn Upon the Fabric	82
Entering Threads	87
Gauze or Leno Weaves	96
Ribbons Made with Open-work Stripes.....	105
Passamenterie Trimmings	107
Conical Shaped Ribbons	110
Ribbons Showing Raised Loops	112
Ribbons Showing Cat-stitch Effects	117
Bindings	119
Producing Figures in Smooth Ribbons.....	120
Formation of Curved Edges	138
Color Effects in Ribbons	141
Other Effects in Ribbons	142
Drawing-in Draft and Chain for Figured Ribbons..	143
Fringes and Pearl Edges	152
Lamp Wicks	157

Looms and Devices.

Looms for Narrow Woven Fabrics	165
Elastic Webbing Looms	167
Ribbon Looms	168
Lay of the Crompton & Knowles Ribbon Loom....	170
Take-up Rollers of the Take-up Mechanism.....	176
Shuttle-operating Mechanism	179
To Prolong Life of Shuttle and Shuttle-block.....	182
Another Shuttle Driving Mechanism	184
Take-up for Narrow Fabric Looms	187
Warp-Let-off for Narrow Fabric Looms	188
Equalizing Device for Silk Ribbons	192
Individual Take-up for Narrow Fabric Looms.....	194
Improvement to Take-up of Narrow Fabric Looms....	197